Data Analysis for Disproportionality

Compostion Index

What percentage of students identified as having MR are Black?

All Students with MR	Black Students with MR	% of MR
32	9	9 ÷ 32 x 100 = 28.13%

- ***Summary statement:*** *28% of students with Mental Retardation are Black.*

Risk Index

For a Black student, what is the risk of being identified as having Mental Retardation?

All Black Students	Black Students with MR	% with MR
682	9	9 ÷ 682 = 1.32%

- ***Summary statement:*** *1.3% of all Black students are at risk for being identified as having Mental Retardation.*

Relative Risk Ratio

What is the risk for a student who is Black being identified as having MR compared to the risk for a student who is any other race/ethnicity being identified as having MR?

Risk Index for Black Students

All Black Students	Black Students with MR	% with MR
682	9	9 ÷ 682 = 0.0132 x 100 = 1.32%

Risk Index for All Other Students

All Other Students	All Other Students with MR	% with MR
3883	23	23 ÷ 3883 = 0.0059 x 100 = 0.59%

Relative Risk Calculation

$$\frac{0.0132}{0.0059} = 2.24$$

- ***Summary statement:*** *Students who are Black are 2.24 times more likely to be identified as having Mental Retardation than students in all other racial/ethnic groups.*